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JCS29 U.S. PTO
09/676436
09/29/00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Donna T. Ward et al.

Serial No.: Not yet assigned Group No.: Not yet assigned

Filed: herewith

For: **Antisense Modulation of MEKK4 Expression**

BOX SEQUENCE

Assistant Commissioner for Patents
Washington DC 20231

INFORMATION DISCLOSURE STATEMENT

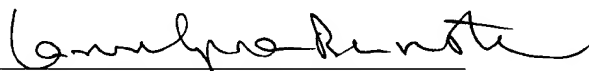
Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above identified application, no additional fee is required.

Copies of each of the references listed on the attached Form PTO-1449 are enclosed.

Date: Sept 29, 2000

Respectfully submitted,


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Form PTO-1449 Modified	Docket No. RTS-0169	Serial No. 09/676,436
List of Patents and Publications Cited by Application (Use several sheets if necessary)	Applicant Donna T. Ward et al.	
U.S. Department of Commerce Patent and Trademark Office	Filing Date	Group 1635

U.S. PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Name	Class	Subclass
KAL	AA	5,910,417	06/08/1999	Gelfand et al.	435	7.2
KAL	AB	5,854,043	12/29/98	Johnson	435	194
KAL	AC	5,981,265	11/09/1999	Johnson	435	254.1
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					
	AM					
	AN					

FOREIGN PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Country	Translation YES NO
KAL	AO	WO 98/54203	12/03/1998	PCT	X
	AP				
	AQ				
	AR				
	AS				
	AT				
	AU				
	AV				
	AW				
	AX				

EXAMINER <i>Loren A. Jaconiere</i>	DATE CONSIDERED 05-28-07
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FILE COPY

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		Filing Date herewith	Group 1635
U.S. Department of Commerce Patent and Trademark Office			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
KAL	AA	Gerwins et al., Cloning of a novel mitogen-activated protein kinase kinase kinase, MEKK4, that selectively regulates the c-Jun amino terminal kinase pathway, J. Biol. Chem., 1997, 272:8288-8295	
KAL	AB	Moriguchi et al., Roles of the MAP kinase cascade in vertebrates, Adv. Pharmacol., 1996, 36:121-137	
KAL	AC	Takekawa et al., A human homolog of the yeast Ssk2/Ssk22 MAP kinase kinase kinases, MTK1, mediates stress-induced activation of the p38 and JNK pathways, Embo J., 1997, 16:4973-4982	
KAL	AD	Widmann et al., Mitogen-activated protein kinase: conservation of a three-kinase module from yeast to human, Physiol. Rev., 1999, 79:143-180	
EXAMINER Karen A. Jacomine		DATE CONSIDERED 05-28-07	

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